

Technion Biology

Always Evolving

Faculty Retreat 2019

Venue: Pastoral Hotel Kfar Blum

Program (Feb 20-21)

WEDNESDAY, February 20

7:00 Board buses, leaving from lower Emerson Building entrance (first floor)

7:30 Buses depart Technion to Kfar Blum Pastoral Hotel

9:00-9:30 Luggage storage

9:30-10:00 Coffee & set-up for poster session

10:00-12:30 POSTER SESSION I

12:30-14:00 Lunch

14:00-15:15 PLATFORM SESSION A (10m talk & 5m Q&A per speaker)

14:00-14:10 Opening Remarks

Chair: Hodaya Farber

14:15-14:30 **Prof. Shay Stern**
Dissecting the Basis of Individuality

14:30-14:45 **Yulia Fridman (Savaldi Lab)**
Mechanical Considerations Underlying Context Specific Impact
of Brassinosteroids in the Arabidopsis Root

14:45-15:00 **Dr. Gil Lewitus (Meiri Lab)**
Therapeutic Potential of Cannabinoids in Neurodegenerative
Disorders

15:00-15:15 **Won Dong Lee (Shlomi Lab)**
Reverse Reaction of Citrate Synthase Supports Growth of
SDH-deficient Tumors

15:15-15:30 Coffee break

15:30-16:45 PLATFORM SESSION B (10m Talk & 5m Q&A per speaker)

Chair: Nir Salinas

- 15:30-15:45 Prof. Tali Haran**
A Model for Mutant p53 Gain-of-Function in Cancer
- 15:45-16:00 Rina Ben-El (Mandel-Gutfreund Lab)**
Studying the Functional Relationship between Transcription Factors and Long Non-coding RNAs
- 16:00-16:15 Feras Machour (Ayoub Lab)**
Making Peace in the Nucleus: Resolving the Conflict between Transcription and DNA Repair
- 16:15-16:30 Hadeel Khamis (Kaplan Lab)**
Single-Molecule DNA Unzipping Reveals Asymmetric Modulation of a Transcription Factor by its Binding Site Sequence and Context
- 16:30-16:45 Noa Ben-Asher (Lamm Lab)**
Although Adr-1 does not have RNA Editing Activity it is Affecting the Expression, Translation, and Protein Functionality of Edited Genes
- 17:00-18:30** Room check-in/free time
- 18:30-20:00** Retreat dinner
- 20:00-21:30** Faculty trivia competition
- 21:30-sunrise** Disco, disco (good, good)

THURSDAY, February 21

7:30-9:30 Breakfast

Check-out and luggage storage by 9:30

9:30-10:30 PLATFORM SESSION C (10m Talk & 5m Q&A per speaker)

Chair: Sergei Rudnizky

- 9:30-9:45 Ilia Maidanik (Lindell Lab)**
Population Dynamics of T7-like Cyanophages and their Hosts in the Gulf of Eilat, Red Sea
- 9:45-10:00 May Levin (Assaraf Lab)**
Surmounting Cytarabine-Resistance in Human Leukemia cells with a Synergistic Combination of Hydroxyurea and Azidothymidine
- 10:00-10:15 Andrey Rozenberg (Kleifeld Lab)**
Database of Semi-Cleaved Peptides
- 10:15-10:30 Liran Komov (Admon Lab)**
The Effect of Interferons on the HLA Peptidome

10:30-10:45 Coffee break

10:45-13:15 POSTER SESSION II

13:15-14:30 Lunch

14:30-15:30 PLATFORM SESSION D (10m Talk & 5m Q&A per speaker)

Chair: Idan Yelin

14:30-14:45 **Dr. Guy Horev (BKU)**

14:45-15:00 **Rinat Zaid (Horwitz Lab)**

Gliotoxin, a Trichoderma Secondary Metabolite that Modulates the Fungal-Plant Interaction

15:00-15:15 **Einat Tamar (Kishony Lab)**

Selecting for Antibiotic Production in Micro-droplets

15:15-15:30 **Nir Salinas (Landau Lab) - Closing talk**
Functional Protein Fibrils

15:30-15:45 Coffee break

15:45-16:00 Closing remarks & prizes

16:00 Board buses

